

Title (en)
Exhaust gas treatment device

Title (de)
Abgasbehandlungseinrichtung

Title (fr)
Dispositif de traitement des gaz d'échappement

Publication
EP 2336518 A3 20120530 (DE)

Application
EP 10187756 A 20101015

Priority
DE 102009059684 A 20091219

Abstract (en)
[origin: EP2336518A2] The device has a housing for surrounding an inner area of the device, and a passage tube (5) permeating the inner area and firmly connected with the housing at two fastening points. The passage tube has an expansion compensation section (8) between the fastening points, where a wall of the passage tube has slots (12) and wave-shaped strips (11). The strips are projected opposite to adjacent wall sections (13, 14) of the passage tube. The strips are arranged adjacent to each other in a circumferential direction with respect to a longitudinal axis (9).

IPC 8 full level
F01N 13/18 (2010.01)

CPC (source: EP US)
F01N 13/08 (2013.01 - US); **F01N 13/1811** (2013.01 - EP US); **F01N 13/1816** (2013.01 - EP US); **F01N 13/185** (2013.01 - EP US);
F01N 2470/02 (2013.01 - EP US); **F01N 2470/24** (2013.01 - EP US)

Citation (search report)
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• [X] US 3262516 A 19660726 - BORGESON OTTO F
• [X] US 6889500 B1 20050510 - MARTINEZ ROY [US]
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• [A] US 2213614 A 19400903 - SCARRITT WINTHROP T

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2336518 A2 20110622; EP 2336518 A3 20120530; EP 2336518 B1 20170621; CN 102102570 A 20110622; CN 102102570 B 20190607;
DE 102009059684 A1 20110622; JP 2011127607 A 20110630; JP 5902386 B2 20160413; US 2011146255 A1 20110623;
US 2014352287 A1 20141204; US 8925308 B2 20150106; US 9228478 B2 20160105

DOCDB simple family (application)
EP 10187756 A 20101015; CN 201010578242 A 20101208; DE 102009059684 A 20091219; JP 2010281498 A 20101217;
US 201414459746 A 20140814; US 93876510 A 20101103